



(19)

(11) Publication number:

**6**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **60103911**(51) Intl. Cl.: **B01D 13/01 G21F 9/06 G21F**(22) Application date: **17.05.85**

<p>(30) Priority:</p> <p>(43) Date of application publication: <b>21.11.86</b></p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: <b>TOSHIBA CORP</b></p> <p>(72) Inventor: <b>ISHISATO SHINICHI</b></p> <p>(74) Representative:</p>
---	---

**(54) HOLLOW YARN  
MEMBRANE DEVICE**

(57) Abstract:

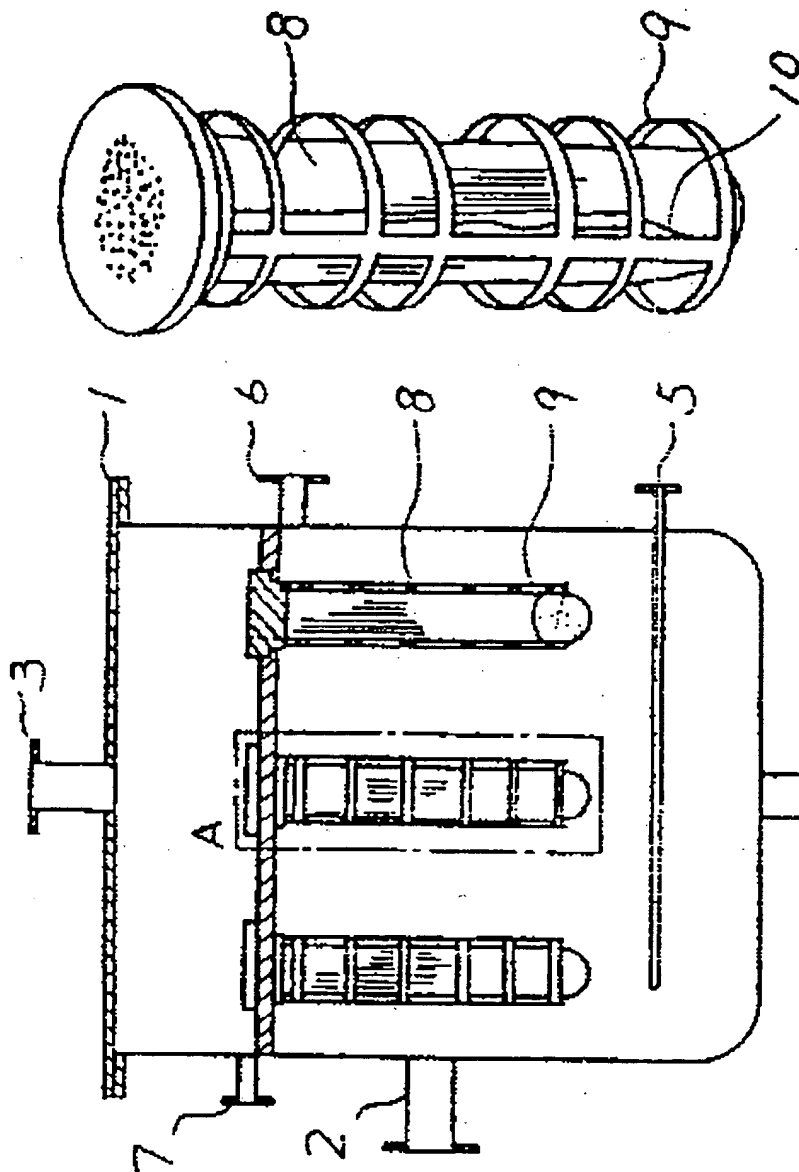
**PURPOSE:** To prevent the bending fatigue and entanglement of a hollow yarn membrane and to prolong the life of a hollow yarn membrane module by providing a support for supporting the hollow yarn membrane module consisting of a combustible material.

**CONSTITUTION:** Plural hollow yarn membrane modules 8 are hung in a vessel 1 and a support 9 is attached on the outside of the module. A semicircular supporting part 10 is provided at the lower part of the support 9. The entanglement of the modules with each other is prevented by the support 9 and the whirling up of the module during backwashing is controlled by the semicircular supporting part 10. The support 9 can be burned along with the hollow yarn membrane by forming the support with the same material as that of the hollow yarn membrane and the output

**BEST AVAILABLE COPY**

of wastes can be reduced.

COPYRIGHT: (C)1986,JPO&Japio



BEST AVAILABLE COPY